



Form PTO-1449

U.S. Dept. of Commerce  
Patent & Trademark Office

Atty. Docket SC-98-25A

SN 09/833,016

List of Documents  
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(Use several sheets if necessary)

Applicant: Chen

Filing Date: 04/10/2001

Group: 3600

*Part of Paper 1*2123  
273  
3612

## U.S. PATENT DOCUMENTS

Ex'r's In'l		Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable
RF	AA1	2,496,421	02/07/1950	John C. Stokes			
RF	AB1	5,341,890	08/30/1994	Cowthorne et al.			
RF	AC1	5,370,234	12/06/1994	Sommer, Jr. et al.			
RF	AD1	5,394,952	03/07/1995	Johns et al.			
RF	AE1	5,416,697	05/16/1995	Goodman			
RF	AF1	5,704,436	01/06/1998	Smith et al.			
RF	AG1	5,715,899	02/10/1998	Liang et al.			

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		Document Number	Date	Country	Class	Sub-class	Trans'l'n Yes/No
RF	AL1	0 511 547 A2	04/14/1992	Crockett, David P.			
RF	AM1	0 511 547 A3	04/14/1992	Crockett, David P.			
RF	AN1	EP 0 511 547 B1	04/14/1992	Crockett, David P.			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RF	AR1	D. Ma, D. Zhou & R. Deng/ The Computer Stimulation of the Interaction Between Roller Bit and Rock/1995
RF	AS1	Shilin.Chen/Linear and Nonlinear Dynamics of Drillstrings/1994-1995
RF	AT1	D.Ma & J.J.Azar/Dynamics of Roller Cone Bits/12/1985

Examiner:

*Russell Fretts*

Date Considered:

1-DEC-03

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Applicant: Chen

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## U.S. PATENT DOCUMENTS

Ex'r's In'l		Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable
RF	AA2	5,794,720	08/18/1998	Smith et al.			
RF	AB2	5,812,068	09/22/1998	Wisler et al.			
RF	AC2	5,813,480	09/29/1998	Zaleski, Jr. et al.			
RF	AD2	6,002,985	12/14/1999	Stephenson			
RF	AE2	6,012,015	01/04/2000	Tubel			
RF	AF2	6,021,377	02/01/2000	Dubinsky et al.			
RF	AG2	6,044,325	03/28/2000	Chakravarthy et al.			

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RF	AR2	D.K.Ma & S.L. Yang/Kinematics of the Cone Bit/June, 1985
RF	AS2	D.Ma & J.J. Azar/A Way to Characterize the Gouging-Scraping-Action of Roller Cone Bits/1989

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		2128 243 Group: 3672	

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Ex'rs In'l		Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable
RF	AA3	6,057,784	05/02/2000	Schaaf et al.			
RF	AB3	6,109,368	09/29/2000	Goldman et al.			
RF	AC3	1,847,981	03/01/1932	C.E. Reed			
RF	AD3	4,408,671	10/11/1983	Munson			
RF	AE3	4,427,081	01/24/1984	Crawford			
RF	AF3	4,611,673	09/16/1986	Childers et al.			
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		Document Number	Date	Country	Class	Sub-class	Transl'n Yes/No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


Examiner: <i>Russell J. [Signature]</i>	Date Considered: 1-DEC-03 12/27/03
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Ex'ts In'l		Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable
NO RF	AA4	4,848,476	07/18/1989	Deane et al.			
NO RF	AB4	5,197,555	03/30/1993	Estes			
NO RF	AC4	5,224,560	07/06/1993	Fernandez			
NO RF	AD4	5,318,136	06/07/1994	Rowsell et al.			
NO RF	AE4	5,372,210	12/13/1994	Harrell			
NO RF	AF4	5,421,423	06/06/1995	Huffstutler			
NO RF	AG4	5,730,234	03/24/1998	Putot			

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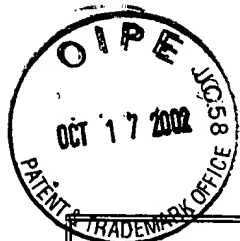
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Ex'r's In'l	Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable
RF	AA5 5,839,526	11/24/1998	Cisneros, et al.			
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	AC5					
	AD5					
	AE5					
	AF5					
	AG5					

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Sheet	1	of	2
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**Complete if Known**

Application Number	09/833,016
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Filing Date	04/10/2001
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First Named Inventor	Shilin Chen
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Art Unit	2679 = 3 2-128
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Examiner Name	Hoang C. Dang
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Attorney Docket Number	SC-98-25A
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Signature**

RUSSELL *Russell L. Jones*

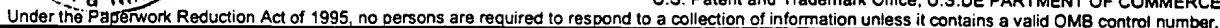
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